4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

NAJIB et al

Atty. Ref.:

3665-126

Serial No.

Unknown

Group:

National Phase of:

PCT/FR2003/002128

International Filing Date:

8 July 2003

Filed:

Herewith

Examiner:

For:

COMPOSITION BASED ON SUBSTITUTED 1,3-DIPHENYLPROP-2-EN-1-ONE DERIVATIVES, PREPARATION AND USES THEREOF

January 5, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO-1449, copies of all non-U.S. references are enclosed. This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited. Copies of the International Search Report and French Patent Office Search Report are also enclosed.

The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

B. J. Sadoff Reg. No. **36,663**

BJS:Imy

1100 North Glebe Road, 8th Floor Arlington, VA 22201-4714

Telephone: (703) 816-4000 Facsimile: (703) 816-4100

TTY. DOCKET NO. INFORMATION DISCLOSURE CITATIO

Rec'd POT/PTO 0 5 JAN 2005

3665-126

APPLICANT **NAJIB** et al

(Use several sheets if necessary)

FILING DATE

Unknown

Herewith

XAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME Vanstone et al	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/PEZ/	4,656,305	4/1987				
	5,276,058	1/1994	Satoh et al			
	3,558,612	1/1971	Kuhn et al			
7/	3,994,955	11/1976	Sprenger			
V	5,523,302	6/1996	Cain et al			

FOREIGN PATENT DOCUMENTS

					TO COLOR		
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
/PEZ/	78 06279	10/1978	FR				Х
8	WO 00/23073	4/2000	WIPO				
000000	WO 01/98291	12/2001	WIPO				
00000	43 27 365	2/195	DE				Х
00000	0 947 511	10/1999	EP				
000000	2 841 900	1/2004	FR				X
7/	2 248 829	5/1975	FR				Х
*	1 254 658	11/2002	EP				
				1		1	1

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

		Shibata et al, "Anti-Tumorigenic Chalcones", STEM CELLS, ALPHAMDED PRESS, DAYTON, OH, US, vol. 12, 1994, pp. 44-52				
PE	7/	Dimmock et al, "Bioactivities of Chalcones", CURRENT MEDICINAL CHEMISTRY, BENTHAM SCIENCE PUBLISHERS BV, BE, vol. 6,				
		no. 12, 1999, pp. 1125-1149.				
	Т	Lebeau et al, "Antioxidant Properties of Di-Tert-Butylhydroxylated Flavonoids", FREE RADICAL BIOLOGY AND MEDICINE, ELSEVIER				
l		SCIENCE, XX, vol. 29, no. 9, 1 November 2000, pp. 900-912.				
	7	Mukherjee et al, "Synthetic and Biological Activity Evaluation Studies on Nove, 1,3-diarylpropenones", BIOORGANIC & MEDICINEAL				
		CHEMISTRY, ELSEVIER SCIENCE LTD, GB, vol. 9, no. 2, 2001, pp. 337-345.				
	Т	Rajakumar et al, "Antioxidant Properties of Phenyl Styryl Ketones", FREE RADICAL RESEARCH, YVERDON, CH, vol. 22, no. 4, 1995,				
	1	pp. 309-317.				
	Т	Arty, "Synthesis of benzylideneacetophenones and their inhibition of lipid peroxidation", EUROPEAN JOURNAL OF MEDICINAL				
		CHEMISTRY 2000 FRANCE, vol. 35, no. 4, 2000, pp. 449-457.				
		Halliwell, "Oxidants and the central nervous system: some fundamental questions. Is oxidant damage relevant to Parkinson's disease,				
		Alzheimer's disease, traumatic injury or stroke?", ACTA NEUROLOGICA SCANDINAVICA. SUPPLEMENTUM. DENMARK 1989, vol.				
		126, 1989, pp. 23-33.				
	\neg	Sogawa et al, "3,4-Dihydroxychalcones as Potent 5-Lipoxygenase and Cyclooxygenase Inhibitors", JOURNAL OF MEDICINAL				
		CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 36, no. 24, 1993, pp. 3904-3909.				

Nakamura et al, "Synthesis and Biological Activities of Fluorinated Chalcone Derivativs", BIOORGANIC & MEDICINAL CHEMISTRY, ELSEVIER SCIENCE LTD, GB, vol. 10, no. 3, March 2002, pp. 699,706.

Calliste et al, "Chalcones: Structural Requirements for Antioxidant, Estrogenic and Antiproliferative Activities", ANTICANCER RESEARCH, HELENIC ANTICANCER INSTITUTE, ATHENS, GR, vol. 21, no. 6A, 2001, pp. 3949-3956.

Furmn et al, "Di-tert-Butylhydroxylated Flavonoids Protect Endothelial Cells Against Oxidized LDL-Induced Cytotocity", JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, WILEY, NEW YORK, NY, US, vol. 15, no. 5, 2001, pp. 270-278.

Lim et al, "Synthesis of flavonoids and their effects on aldose reductase and sorbitol accumulation in streptozotocin-induced diabetic rat tissues", JOURNAL OF PHARMACY AND PHARMACOLOGY, LONDON, GB, vol. 53, no. 5, May 2001, pp. 653-668.

PATENT ABSTRACTS OF JAPAN, vol. 018, no. 415, 4 August 1994 & JP 06 122623 A, 6 May 1994. PATENT ABSTRACTS OF JAPAN, vol. 012, no. 209, 15 June 1988 & JP 63 010720 A, 18 January 1988.

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

/Paul Zarek/

*Examiner

Form PTO-FB-A820 (Also PTO-1449)

Date Considered

				Rec'd P	UN/PID U	5 JAN 2005	
INFORMA	ATION DISCLOSURE CITATIO	3665-126		Unknown			
		NAJIB et al					
	(Use several sheets if necessary)	Herewith		GROUP			
							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	OTHE	R DOCUMENTS (includin	ng Author, Title, Date, Pertiner	nt pages, etc.)			
/PEZ/	Haraguchi et al, "Antioxidati MEDICINAL CHEMISTRY,	ive and Superoxide Scave ELSEVIER SCIENCE LTE	nging Activities of Retrochalcon O, GB, vol. 6, no. 3, March 1998	es in Glycyrrhiza Ir , pp. 339-347.	nflata", BIOOR	GANIC &	
8000000	CHEMICAL ABSTRACTS S	SERVICE XP002236041, a sis of chalcome derivatives	abstract & Oganesyan et al, "Stus s and quantitative SA analysis",	dy of structure-act	ivity (A) interrel TSEVIICHESK	ations in the II ZHURNAL, vol.	
	Hsu et al, "Structure-Activity no.1/2, 1973, pp. 23-26.	/ Relationships of Substitu	ted Flavonoids. (I), TAIWAN-KI				
	PHÁRMAZIE, GERMANÝ,	EAST MAR 1989, vol. 44,	and their alpha, beta-dibromo d no. 3, March 1989. pp. 190-191				
	CHEMICAL SOCIETY. EA	STON, PA, US, vol. 40, no	ons between the human oncopro b. 2, 16 January 2001, pp. 336-3	44.	•	-	
	oxyisobutyrate and its deriv	atives as antilipemic agent	2002271329, abstract & Shi et a ts", TAIWAN YAOXUE XAZHI, v	vol. 27, no. 1-2, 197	75, pp. 12-16.		
			002271330, abstract & Palanow CTA POLONIAE PHARMACEUT				
	1979.		P002271331, abstract & JP 54 0				
200000			P002271332, abstract & Safak e da albicans", FABAD FARMASC				
			2002271333, abstract & JP 05 2				
DATABASE, CHEMICAL ABSTRACTS SERVICE, XP002271334, abstract & Sun et al, "Studies on flavonoi substituted flavones and 2',4-dihydroxy-3-methoxy -4'-substituted chalcones", GAODENG XUEXIAO HUAXI 1988, pp. 853.855.						.Ó, vol. 9, no. 8,	
	DATABASE, CHEMICAL ABSTRACTS SERVICE, XP002271335, abstract &Szajda et al, "Carbon 13 NMR study of o-, m- and (alkoxycarbonyl)alkoxy chalcones and their alpha, beta dibromo derivatives, MAGNETIC RESONANCE IN CHEMISTRY, vol. 2 1989, pp. 399-402. Cheng et al, "Broussochalcone A, a potent antioxidant and effective suppressor of inducible nitric oxide synthase in lipopolysac activated macrophages", BIOCHEMICAL PHARMACOLOGY 61 (2001) 939-946.						
	299.	<u> </u>	from Dalbergia odorifera", BIOC				
	Hsieh et al, "Synthesis and No. 1, 1998, pp. 39-46.	Anti-inflammatory Effect o	f Chalcones and Related Comp	ounds", PHARMAC	EUTICAL RES	SEARCH, Vol. 15,	
Examiner	1		Date Considered				
xaminer: Initial if refe	rence considered, whether or not citation is in con	formance with MPEP 609; Draw line throu	ugh citation if not in conformance and not considere	d. Include copy of this form w	ith next communication	to application.	
/	Paul Zarek/		08/15/2008		Form I	PTO-FB-A820 (Also PTO-1449	

08/15/2008